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Amendments to the Claims:

(currently amended) A method comprising:
automatically sending a discovery message to a node;
enabling node access if a response to the discovery message is received; and
automatically checking a link to the node to make sure that the node is still accessible;
and

implementing a state machine with a connected and a disconnected state and automatically transitioning from the disconnected state to the connected state when a response to a discovery message is received.

- 2. (canceled)
- 3. (original) The method of claim 1 including notifying a client wishing to access a node when a state transition is made based on a response to a discovery message being received.
 - 4. (cancelled)
- 5. (previously presented) The method of claim 1, including automatically checking said node at timed intervals in order to maintain a connected state.
- 6. (original) The method of claim 1 further including automatically sending a message to determine whether the node is still accessible after said response to said discovery message is received.
- 7. (currently amended) An article comprising a medium storing instructions that enable a processor-based system to:

send a discovery message to a node in response to a request to access the node; enable node access if a response to the discovery message is received; and automatically check a link to the node to make sure that the node is still accessible; and

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implement a state machine with a connected and a disconnected state and to automatically transition from the disconnected state to the connected state when a response to a discovery message is received.

- 8. (canceled)
- 9. (original) The article of claim 7 further storing instructions that enable the processor-based system to notify a client wishing to access a node when a state transition is made based on a response to a discovery message being received.
 - 10. (canceled
- 11. (previously presented) The article of claim 7, further storing instructions that enable the processor-based system to automatically check the node at timed intervals.
- 12. (original) The article of claim 7 further storing instructions that enable the processor-based system to automatically send a message to determine whether the node is still accessible after said response to said discovery message is received.
 - 13. (currently amended) A system comprising: a network interface; and
- a storage coupled to said network interface, said storage storing instructions that enable said system to automatically send a discovery message to a node over said interface to access the node and to enable node access if a response to the discovery message is received, said storage further storing instructions that enable said system to automatically check said node at timed intervals in order to maintain a connected state, and said storage further storing instructions that enable said system to implement a state machine with a connected and a disconnected state and automatically transitioning from the disconnected state to the connected state when a response to a discovery message is received.

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- 14. (original) The system of claim 13 wherein said system is a processor-based system.
- 15. (original) The system of claim 13 wherein said storage stores instructions to cause said system to automatically send a message to determine whether the node is still accessible after said response to said discovery message is received.